

Mudflat areas for ecological receptors are those areas where the river bottom slope is $\leq 6^\circ$ and the depth is ≥ -2 ft MLLW, based on the 2007 CPG bathymetric survey. Separate mudflats were identified where there was a gap between mudflat areas or a change in the river bed which would affect mudflat formation, including tributaries, built structures, and geomorphological characteristics.



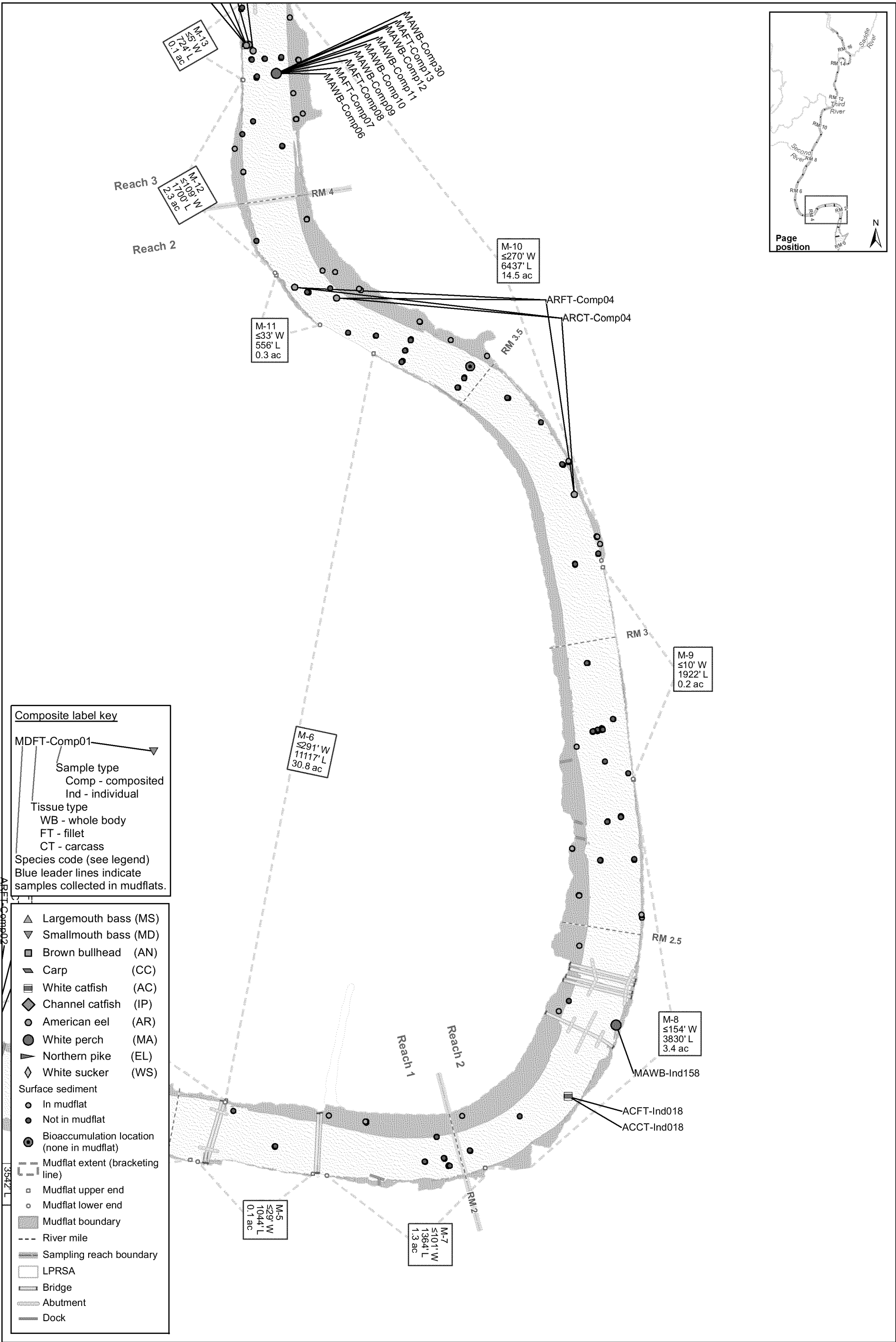
Fish samples and mudflats in the LPRSA

Reach 1

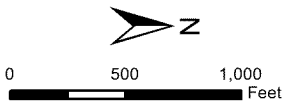
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Prepared by: lindam 1/28/2016; W:\Projects\06-58-01 Passaic RI\GIS\Maps_and_Analysis\FW exposure\In described mudflats\6311_Large fish sample locations and individual mudflats_LSM_20160128.mxd



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Reach 2

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Composite label key

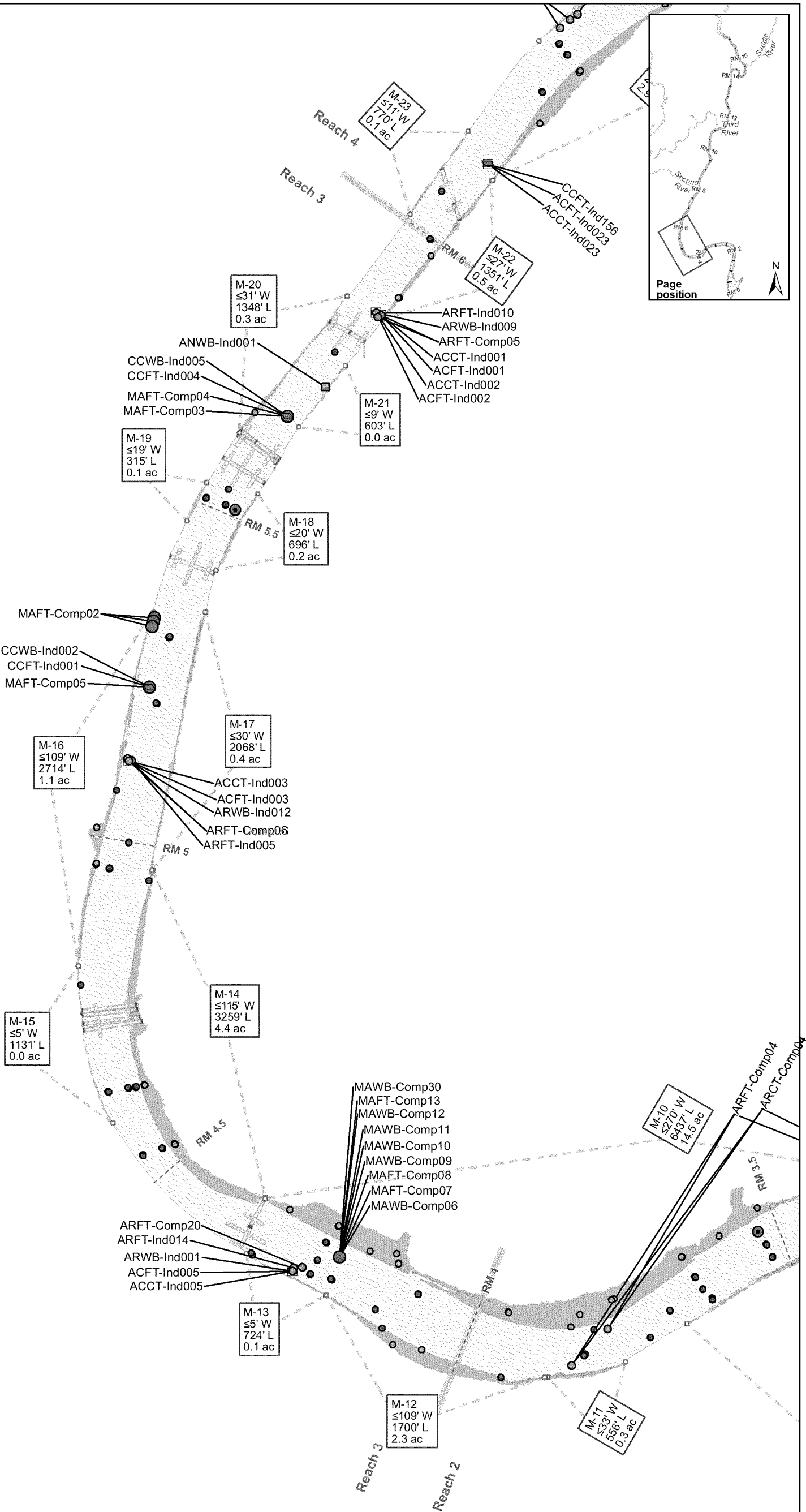
MDFT-Comp01

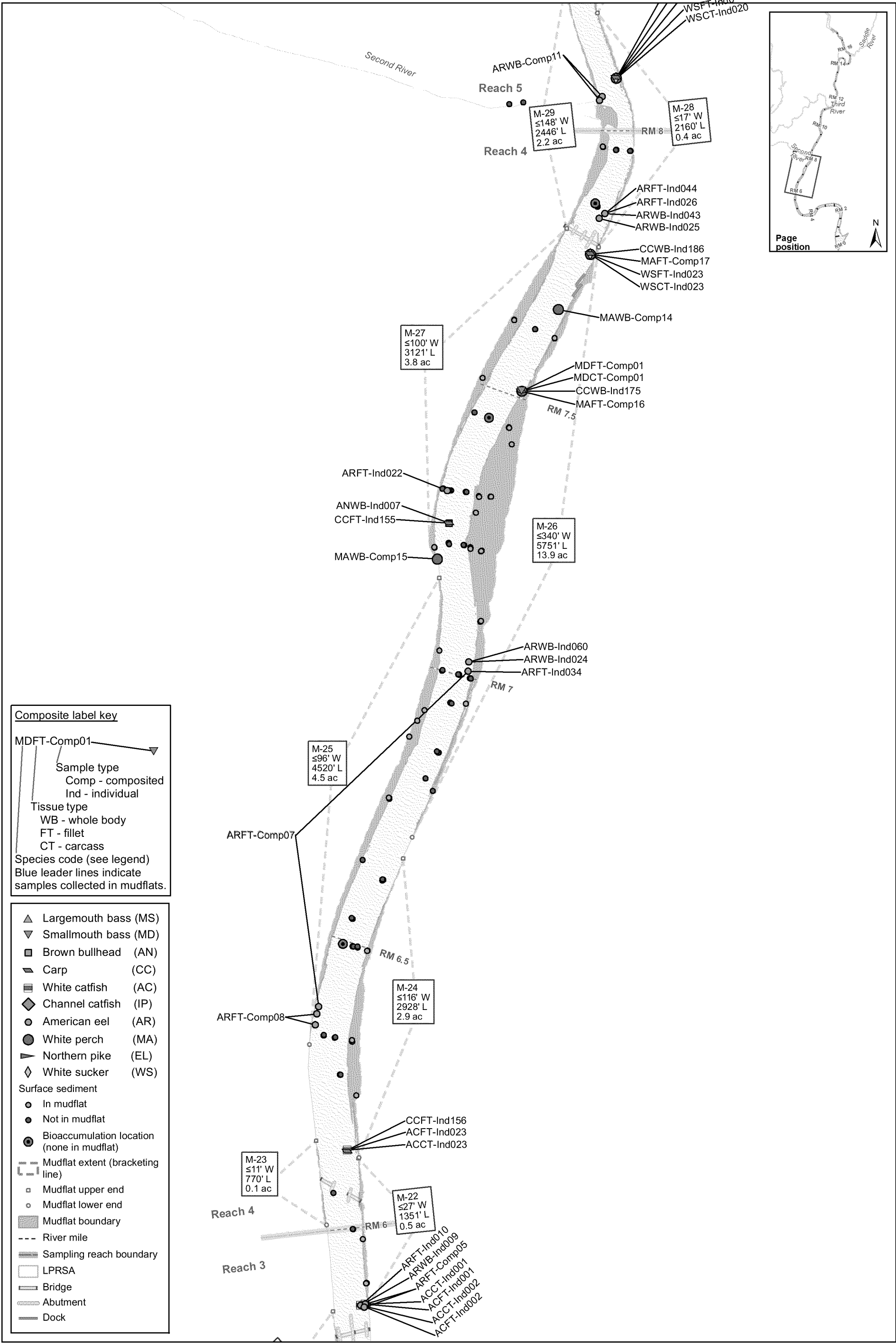
Sample type
Comp - composited
Ind - individual

Tissue type
WB - whole body
FT - fillet
CT - carcass

Species code (see legend)
Blue leader lines indicate
samples collected in mudflats.

- ▲ Largemouth bass (MS)
▼ Smallmouth bass (MD)
■ Brown bullhead (AN)
▼ Carp (CC)
■ White catfish (AC)
◆ Channel catfish (IP)
● American eel (AR)
● White perch (MA)
▶ Northern pike (EL)
◆ White sucker (WS)
- Surface sediment
● In mudflat
● Not in mudflat
● Bioaccumulation location (none in mudflat)
- Mudflat extent (bracketing line)
□ Mudflat upper end
○ Mudflat lower end
■ Mudflat boundary
- River mile
--- Sampling reach boundary
□ LPRSA
— Bridge
--- Abutment
— Dock





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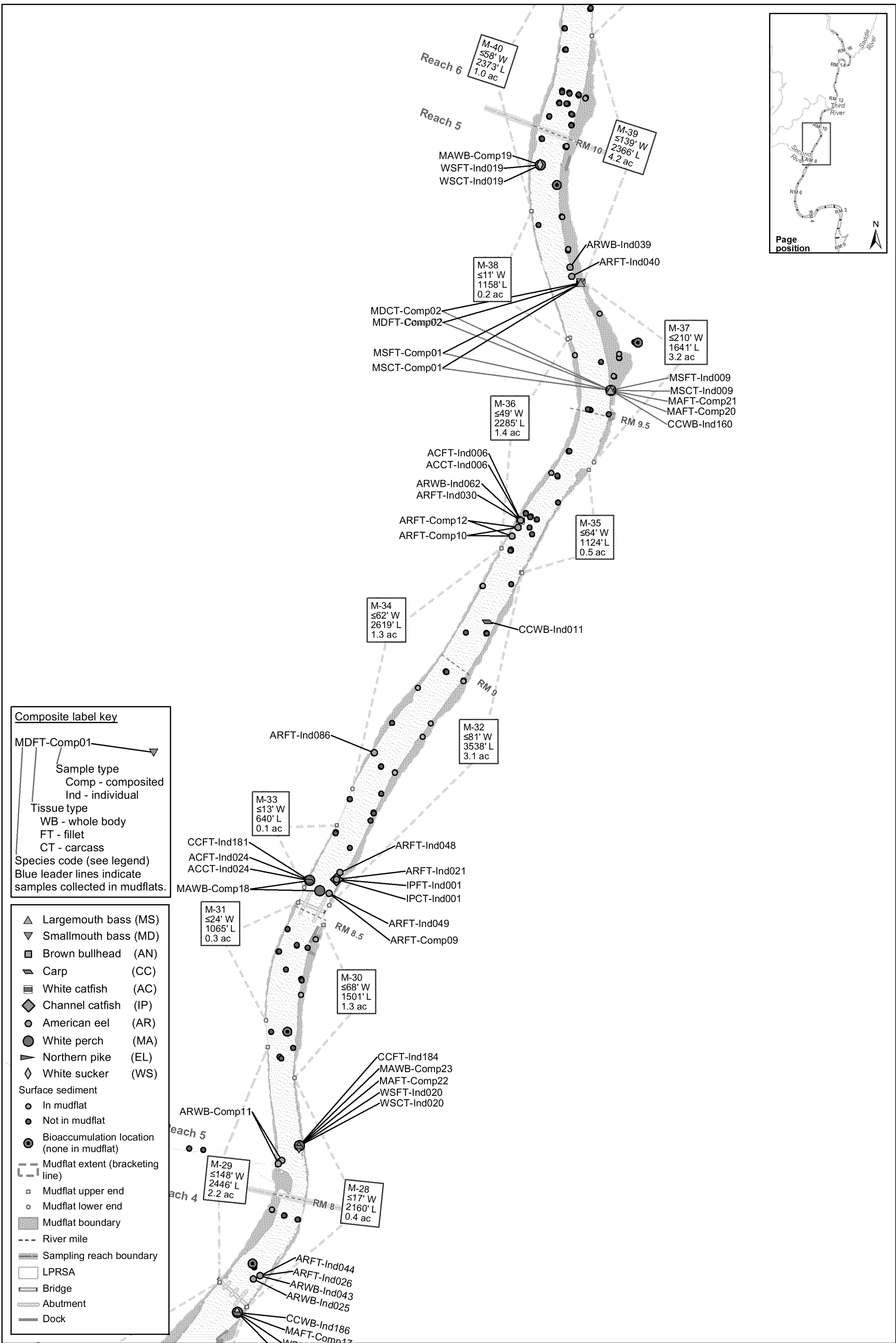
Fish samples and mudflats in the LPRSA

Reach 4

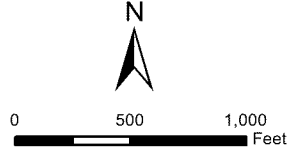
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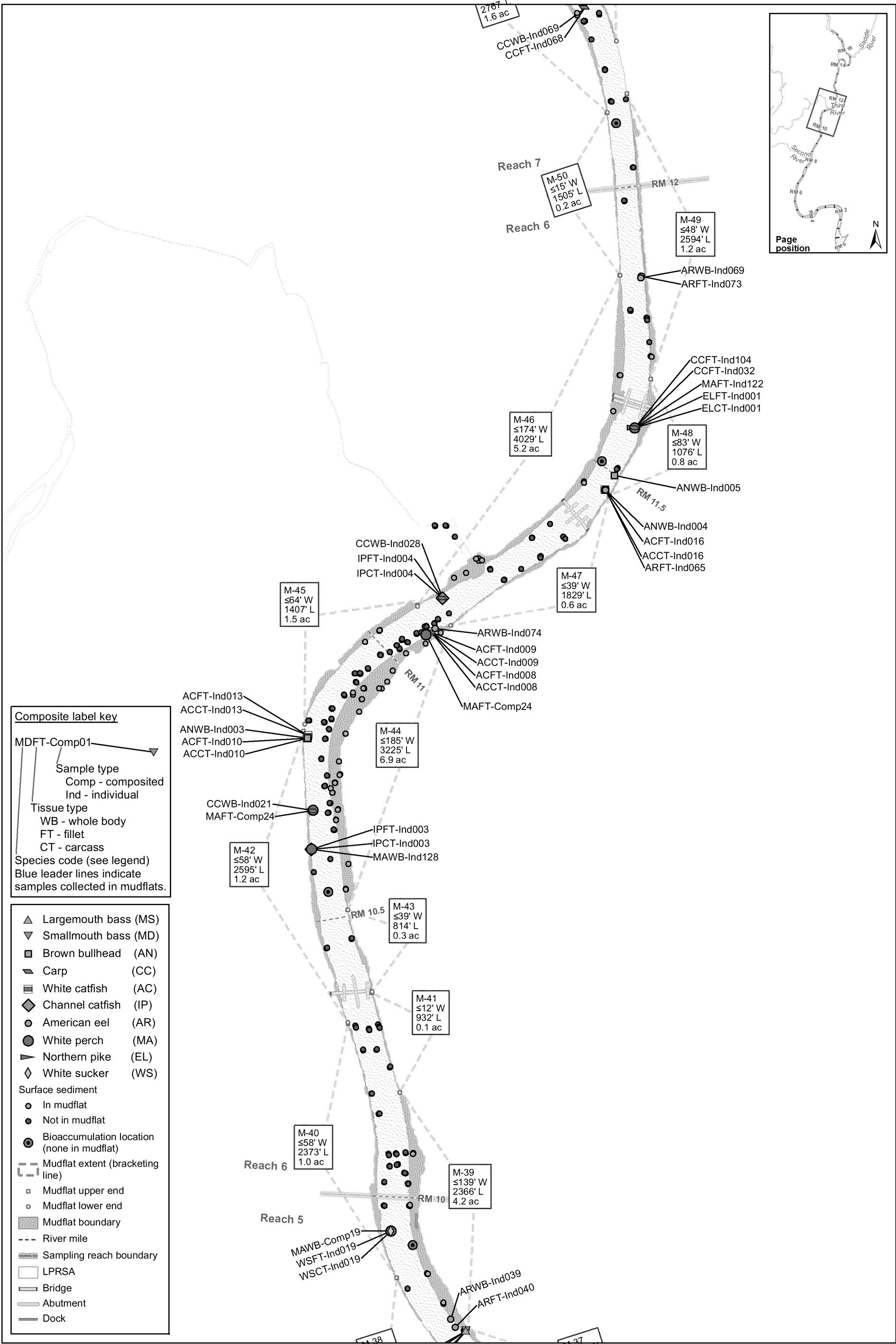
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Reach 5

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Composite label key

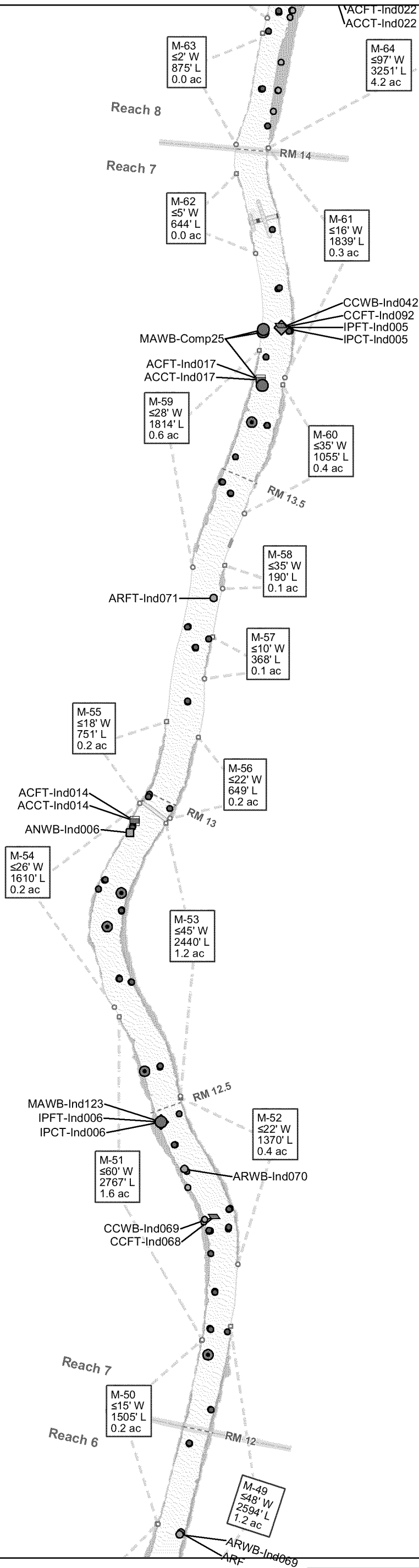
MDFT-Comp01

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Fish samples and mudflats in the LPRSA

Reach 7

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